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Jameco Part Number 205858

JRK-115B Specifications

Input Characteristics

Input Voltage: 110/220VAC
Input Voltage Range: 90 – 132 VAC / 180 – 260 VVAC
Phase: Short bar selectable on the terminal
Frequency: Single
Efficiency: 47 – 63 Hz
In-Rush Current: 75% typical
20A typical, at input voltage 110VAC
40A typical, at input voltage 220VAC
(measured @ cold start, 25°C)

Output Characteristics

Output Voltage: V1: nominal +5V; +/-5% @ no load
V2: nominal +15V; +/-5% @ no load
V3: nominal –15V; +/-5% @ no load
V4: nominal –5V; +/-5% @ no load
V5: nominal +24V; +/-5% @ no load
Output Max. Load: V1: 4.5A
V2: 3.5A
V3: 1.5A
V4: 1.6A
V5: 0.4A
Voltage Adjustment Range: V1: +/-5%
V2/V3/V4/V5: fix

Line Regulation:

0.4% Max. (90 – 132 VVAC / 180 – 260 VAC)

Load Regulation

0.8% Max. (no load to full load)

Ripple and Noise:

V1: 100mV p-p

V2/V3/V4/V5: 150mV p-p (measured at

DC to 100MHz; bayonet probe used)

20msec. Min. (measured @ 110/220 VAC and full load)

Rise Time:

200msec. Max. (measured @ 100/220

VAC and full load)

Temperature Coefficient:

0.02% / °C (0 to 50°C)

Drift:

0.5% / 8 hours (after 1 hour warm-up)

Output Grounding:

+5V and –5V Separate

+15V and –15V Common

Protection

Over-voltage Protection:

Standard on all outputs.

V1: +5.75V to +7.5V

V2: +17.5V to 22.5V

V3: -17.25V to –22.5V

V4: -5.75V to –7.5V

V5: +27.5V to +35V

Standard on all outputs.

V1: 4.95A to 6.75A

V2: 3.85A to 5.25A

V3: 1.65A to 2.25A

V4: 1.75A to 2.4A

V5: 0.44A to 0.8A

Over-current Protection:

Environment

Operating Temperature:

Storage Temperature:

Humidity:

Dielectric Withstanding Voltage:

0 to 50°C
-20 to 85°C
30 to 35% RH (non-condensing)
Primary – Secondary: 3000VAC / 1 min.
Primary – Chassis: 1500VAC / 1 min.
Secondary – Chassis: 500VAC / 1 min.
(@ Cut-off current 10mA)
50M Ω Min.
Measured @ 500VDC between output terminals and chassis

Isolation Resistance:

General Specifications

Safety:

EMI:

Leakage Current:

UL1950 CSA E.B.1402 IEC950
FCC Class B
0.75mA Max. (@ 2000VAC 60Hz nominal output)

